

REMARKS

Claims 1-14 are all the claims pending in the application. Applicant thanks the Examiner for indicating that claims 1-7 are allowed.

The Examiner rejects claims 8-14 under 35 U.S.C. § 101. In response, Applicant has amended claim 8 as suggested by the Examiner in a telephone conference with Applicant's representative. Therefore, the rejection of claims 8-14 are believed to be overcome. Applicant submits that the claims are directed to a new and useful process (*i.e.*, a process of performing A/D conversion which minimizes a quantization error without increasing the number of quantization bits during the A/D conversion) which produces a useful, concrete and tangible result. Also, the claims recite the *practical application* of a mathematical formula in a particular process of A/D conversion. Because the recited mathematical formula is used for a particular application, it does not preempt the use of the equation.

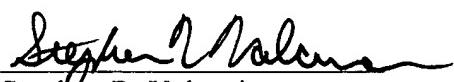
In view of the above, reconsideration and allowance of this application are now believed to be in order, and such actions are hereby solicited. If any points remain in issue which the Examiner feels may be best resolved through a personal or telephone interview, the Examiner is kindly requested to contact the undersigned at the telephone number listed below.

AMENDMENT UNDER 37 C.F.R. §1.111
APPLN. NO. 10/639,584

DOCKET NO. Q75665

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

Respectfully submitted,


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